

**TDEC DIVISION OF REMEDIATION,**  
**KNOXVILLE**  
**CLINTON SMELTER / MAGNET MILLS**  
**CLINTON, ANDERSON COUNTY, TENNESSEE 37716**

**TRIP REPORT**

DATE OF VISIT: April 3, 2008

OWNER/FACILITY: Clinch River Properties / smelter used by the Eades, Mixer, and Heald Zinc Company, and the Magnet Knitting Mill

DOR SITE Number: 01-500

TYPE FACILITIES: inactive lead/zinc ore smelting  
hosiery mill 1906-1967, unknown 1967-present

ADDRESS: Cullom Street, Clinton Quadrangle (137-SW)

PURPOSE OF VISIT: Limited, initial investigation of potential contamination from past manufacturing, spills, storage piles

WEATHER CONDITIONS: rain

SAMPLES COLLECTED: surface soil      PHOTOS TAKEN: no

COMMENTS: Ore from a mill near Lead Mine Bend, Union County, was smelted in Clinton. The ruins of an old zinc smelter are shown on the 1910 Sanborn map.

Magnet Mills, Inc. of Clinton, Tennessee, opened its doors in 1906 as Magnet Knitting Mills. In 1929, the Mill was incorporated as Magnet Mills, Inc., a locally owned and operated hosiery mill. In March 1967, the mill was closed down permanently.

The exact location of contamination from the inactive zinc smelter operations is unknown, at this time. A location believed to be near the old smelter site was viewed from the existing railroad at the northern boundary of Parcel 28, map 074J. Mounds of dirt appeared to cover the level portion of the area east of the elevated Charles G. Seivers Boulevard, which may cover some spill areas, storage areas, and contamination due to the smelter operations. Nearer the river, a very steep slope could not be inspected. An eroded spot appeared to show a dark substance, which was indicated to contain 500 ppm lead and 40 ppm arsenic (XRF analysis of sample prepared in KFO lab).

The southern end of this parcel, only one block from the Anderson County Courthouse, was observed from a roadway entering the property at the CVS Pharmacy. This portion of the property contains the inactive Magnet Mills, Inc. Industrial equipment was observed to be scattered about the ground. Unempty drums and containers with unknown contents, batteries, tanks, electric and gasoline motors, fluorescent tubes, cars, and unknown materials were observed outside the several industrial buildings. Six warehouse-type buildings built from 1905-



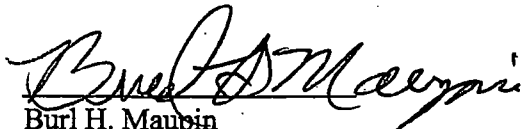
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1926 are at the site. Base area of all the buildings on the property covered approximately 85,000 square feet. Most of these buildings had multiple floors. At least one building was partially collapsed. The interiors of the buildings were not inspected.

One building, at the central portion of the property, appeared to be in use by a trucking business.

Further investigation is recommended.

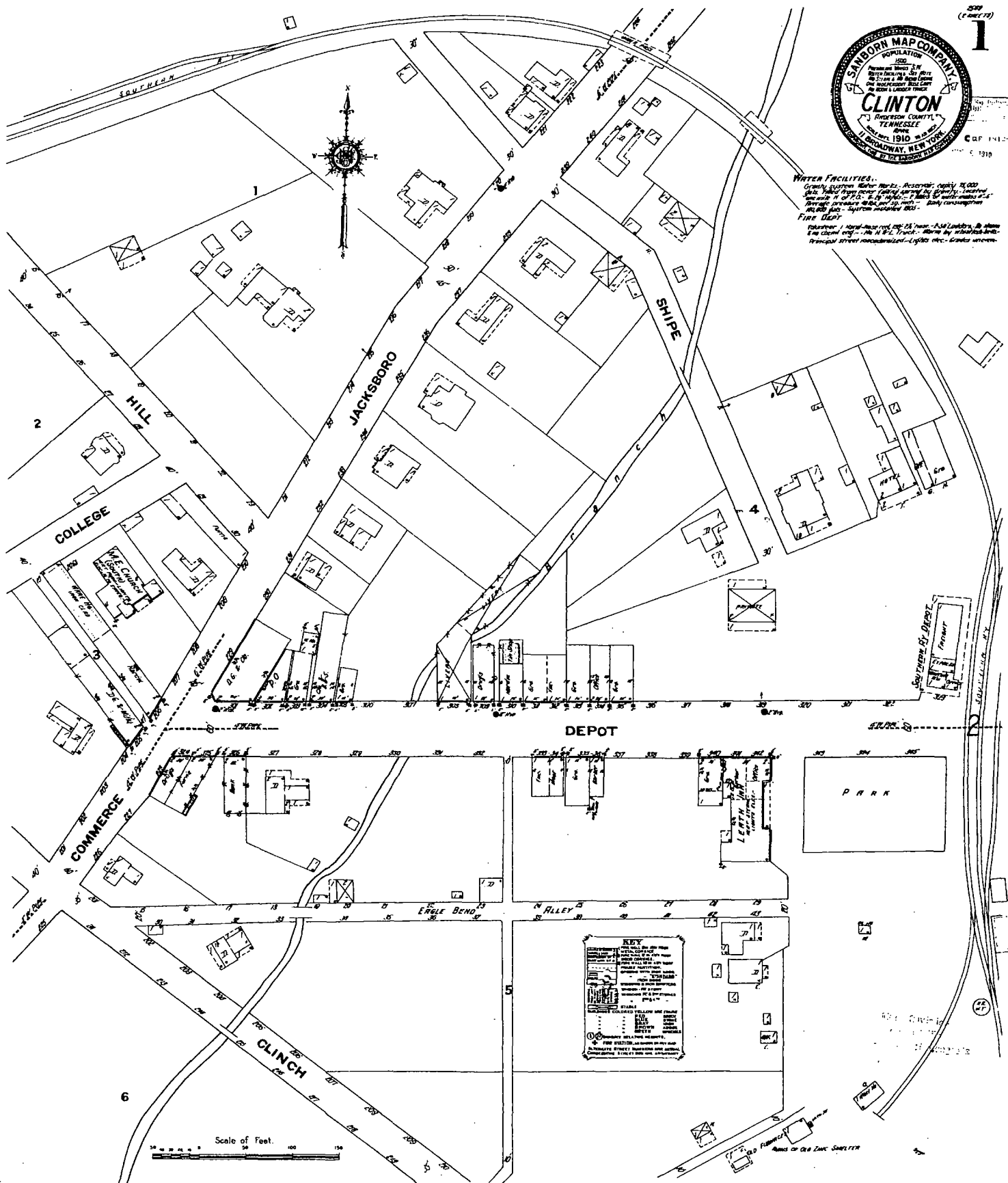
  
Burl H. Maupin  
April 4, 2008

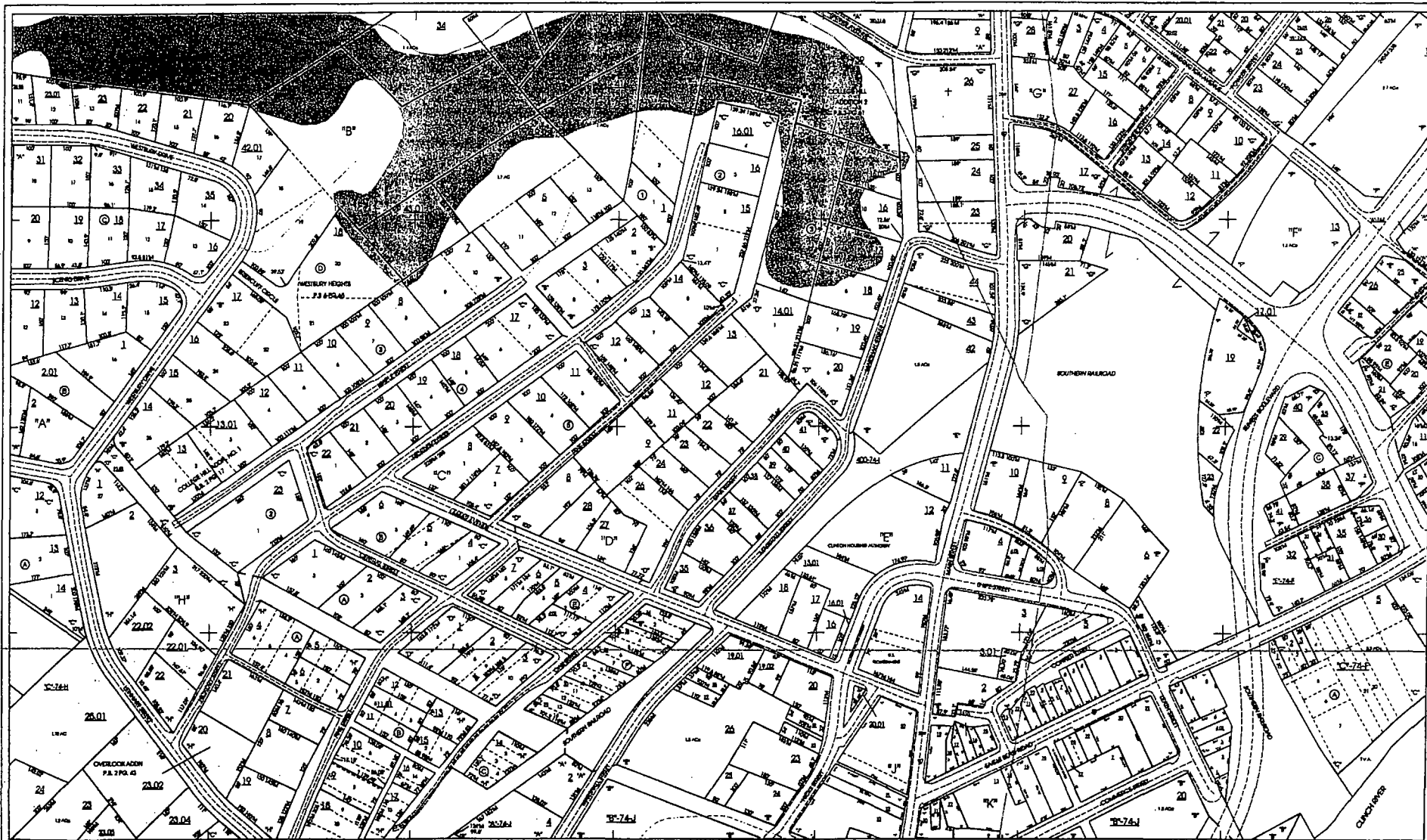
Attachments: Sanborn Map  
Property Maps 074G and 074J

cc: David Randolph – DOR Central Office  
DOR/KFO Anderson Co. General File



**WATER FACILITIES:**  
Gravity system. Water works. Reservoir, capacity 10,000  
gals. Tank, capacity 10,000 gals. (both) served by gravity. Unimproved  
area, 11 of 71.5. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles.  
Through, capacity 10,000 gals. (both) served by gravity. Unimproved  
area, 11 of 71.5. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles.  
**FIRE DEPT.**  
Firehouse. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles.  
Fire alarm box. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles. 1.17 miles.  
Principal street macadamized. Lights, etc. Gravel streets.





100 0 100 200  
Feet  
Scale 1" = 100'

PARCEL NUMBER  
DEED ACRES  
CALCULATED ACRES  
DESCRIPTIVE DIMENSION  
SCALED DIMENSION  
SURVEYED DIMENSION  
BLDG. LOT/TRACT No.

#### Parcel Boundary

PARCEL BOUNDARY  
INTERIOR TRACT LINE  
DISTRICT LINE  
PARCEL LINE  
CCL LINE  
CCL LINE  
CCL LINE

PARCEL & CONTROL MAP No.  
CEMETERY  
CHURCH  
SCHOOL  
STATE LINE  
CCL LINE

#### Planimetric Map

ROAD ROW  
RAILROAD ROW  
STREAM  
POND  
THROWSTATIVE COVER

STREET/ROAD CENTERLINE  
DRAIN  
ROCK



074A	074B	074C
074H	074I	074J
074K	074L	074M

ANDERSON COUNTY, TN			MAP NO.
SCALE: 1" = 100'	DISTRICT:	074G	
PHOTO DATE: February 2000	TN STATE PLANE (4100)		
COMPILED: June 2001	NAD 83 (90) NAVD 83		
LAST REVISION: June 2006	CITY OF: CLINTON		

